OIPE 04-10-01

OIPE

(2)

RAW SEQUENCE LISTING DATE: 03/30/2001
PATENT APPLICATION: US/09/805,177 TIME: 15:59:11

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\03302001\I805177.raw

ENTERED

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 4 <110> APPLICANT: Richard Bruce Roden
 5       Honami Naora
 7 <120> TITLE OF INVENTION: IMMUNOGENIC OVARIAN CANCER GENES
10 <130> FILE REFERENCE: 031787.0090
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/805,177
13 <141> CURRENT FILING DATE: 2001-03-14
15 <150> PRIOR APPLICATION NUMBER: 60/189,226
16 <151> PRIOR FILING DATE: 2000-03-14
18 <150> PRIOR APPLICATION NUMBER: 60/258,452
19 <151> PRIOR FILING DATE: 2000-12-28
21 <160> NUMBER OF SEQ ID NOS: 8
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 753
27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapiens
30 <220> FEATURE:
31 <221> NAME/KEY: CDS
32 <222> LOCATION: (1)...(654)
34 <400> SEQUENCE: 1
35 atg agt tca ttg tat tat gcg aat gct tta ttt tct aaa tat cca gcc   48
36 Met Ser Ser Leu Tyr Tyr Ala Asn Ala Leu Phe Ser Lys Tyr Pro Ala
37  1               5                  10                  15
39 tca agt tcg gtt ttc gct acc gga gcc ttc cca gaa caa act tct tgt   96
40 Ser Ser Ser Val Phe Ala Thr Gly Ala Phe Pro Glu Gln Thr Ser Cys
41              20                  25                  30
43 gcg ttt gct tcc aac ccc cag cgc ccg ggc tat gga gcg ggt tcg ggc   144
44 Ala Phe Ala Ser Asn Pro Gln Arg Pro Gly Tyr Gly Ala Gly Ser Gly
45          35                  40                  45
47 gct tcc ttc gcc gcc tcg atg cag ggc ttg tac ccc ggc ggg ggg ggc   192
48 Ala Ser Phe Ala Ala Ser Met Gln Gly Leu Tyr Pro Gly Gly Gly Gly
49      50                  55                  60
51 atg gcg ggc cag agc gcg gcc ggc gtc tac gcg gcc ggc tat ggg ctc   240
52 Met Ala Gly Gln Ser Ala Ala Gly Val Tyr Ala Ala Gly Tyr Gly Leu
53  65                  70                  75                  80
55 gag ccg agt tcc ttc aac atg cac tgc gcg ccc ttt gag cag aac ctc   288
56 Glu Pro Ser Ser Phe Asn Met His Cys Ala Pro Phe Glu Gln Asn Leu
57                  85                  90                  95
59 tcc ggg gtg tgt ccc ggc gac tcc gcc aag gcg gcg ggc gcc aag gag   336
60 Ser Gly Val Cys Pro Gly Asp Ser Ala Lys Ala Ala Gly Ala Lys Glu
61              100                 105                 110
63 cag agg gac tcg gac ttg gcg gcc gag agt aac ttc cgg atc tac ccc   384
64 Gln Arg Asp Ser Asp Leu Ala Ala Glu Ser Asn Phe Arg Ile Tyr Pro
65          115                 120                 125
67 tgg atg cga agc tca gga act gac cgc aaa cga ggc cgc cag acc tac   432
68 Trp Met Arg Ser Ser Gly Thr Asp Arg Lys Arg Gly Arg Gln Thr Tyr
69      130                 135                 140
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```
71 acc cgc tac cag acc ctg gag ctg gag aaa gaa ttt cac tac aat cgc   480
72 Thr Arg Tyr Gln Thr Leu Glu Leu Glu Lys Glu Phe His Tyr Asn Arg
73 145                 150                 155                 160
75 tac ctg acg cgg cgg cgg cgc atc gag atc gcg cac acg ctc tgc ctc   528
76 Tyr Leu Thr Arg Arg Arg Arg Ile Glu Ile Ala His Thr Leu Cys Leu
77                  165                 170                 175
79 acg gaa aga cag atc aag att tgg ttt cag aac cgg cgc atg aag tgg   576
80 Thr Glu Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp
81              180                 185                 190
83 aaa aag gag aac aag acc gcg ggc ccg ggg acc acc ggc caa gac agg   624
84 Lys Lys Glu Asn Lys Thr Ala Gly Pro Gly Thr Thr Gly Gln Asp Arg
85          195                 200                 205
87 gct gaa gca gag gag gaa gag gaa gag tga gggatggaga aagggcagag     674
88 Ala Glu Ala Glu Glu Glu Glu Glu  *
89      210                 215
91 gaagagacat gagaaaggga gaggaagaga agcccagctc tgggaactga atcaggaaac 734
92 tcaaatcgaa tagggaagt                                            753
94 <210> SEQ ID NO: 2
95 <211> LENGTH: 20
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Primers
102 <400> SEQUENCE: 2
103 gagctggaga aggagttcca                                            20
105 <210> SEQ ID NO: 3
106 <211> LENGTH: 20
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Primers
113 <400> SEQUENCE: 3
114 ctttcttcca cttcatacga                                           20
116 <210> SEQ ID NO: 4
117 <211> LENGTH: 19
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Primers
124 <400> SEQUENCE: 4
125 agagtaactt ccggatcta                                            19
127 <210> SEQ ID NO: 5
128 <211> LENGTH: 19
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Primers
135 <400> SEQUENCE: 5
136 tctgcttcag ccctgtctt                                            19
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Input Set : A:\Seqlist.txt
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<210> SEQ ID NO: 6
<211> LENGTH: 18
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Primers
<400> SEQUENCE: 6
atgatatcgc cgcgctcg 18

<210> SEQ ID NO: 7
<211> LENGTH: 19
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Primers
<400> SEQUENCE: 7
cgctcggtga ggatcttca 19

<210> SEQ ID NO: 8
<211> LENGTH: 14
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 8
Asp Lys Ala Asp Glu Gly Val Leu His Gly Pro Ala Glu Ala
1 5 10

VERIFICATION SUMMARY DATE: 03/30/2001
PATENT APPLICATION: **US/09/805,177** TIME: 15:59:12

Input Set : **A:\Seqlist.txt**
Output Set: **N:\CRF3\03302001\I805177.raw**

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number